

JUL 15 2004

PTO/SB/08A (04-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/791,249
Filing Date	3/2/2004
First Named Inventor	Michael Fiske
Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet 1 of 1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
BB ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		US-2004-0128004	07-01-2004	Paul Adams	Description
		US-6,754,645	06-22-2004	Bingxue Shi	Description
		US-6,751,601	06-15-2004	Pablo Zegers	Description
		US-6,332,137	12-18-2001	Toshikazu Hori	Description
		US-6,049,793	04-11-2000	Kenichi Tomita	Description
		US-5,619,618	04-08-1997	Joseph Bigus	Description
		US-5,524,176	06-04-1996	Kazunari Narita	Description
		US-5,524,175	06-04-1996	Yuji Sato	Description
		US-5,422,983	06-06-1995	Patrick Castelar	Description
		US-5,369,731	11-29-1994	Daiji Masumoto	Description
		US-5,325,464	06-28-1994	Gerald Pechanek	Description
		US-5,155,802	10-13-1992	Paul Mueller	Description
		US-4,962,342	10-9-1990	Carver Mead	Description
		US-4,660,166	4-21-1987	John Hopfield	Description
BB		US-3,950,733	4-13-1976	Leon Cooper	Description
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Benjamin Buss/	Date Considered	12/04/2006
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PTO/SB/08a (08-03)

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Substitute for Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete If Known**

Application Number	10/791,249
Filing Date	March 2, 2004
First Named Inventor	Michael Fiske
Art Unit	
Examiner Name	
Attorney Docket Number	

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
BB		US-2004 0128 004	07-01-2004	Paul Adams	Description
		US-6,754,645	06-22-2004	Bingxue Shi	Description
		US-6,751,601	06-15-2004	Pablo Eegers	Description
		US-6,332,137	12-18-2001	Toshikazu Hori	Description
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		US-5,369,731	11-29-1994	Dairi Masumoto	Description
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BB		US-3,950,733	4-13-1976	Leon Cooper	Description
		US-			
		US-			
		US-			

## FOREIGN PATENT DOCUMENTS

[illegible]

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PTO/SB/08b (08-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	Substitute for form 1449B/PTO		<b>Complete if known</b>		
	Application Number	10/791,249			
	Filing Date	March 2, 2004			
	First Named Inventor	Michael Fiske			
	Art Unit				
	Examiner Name				
Sheet		of		Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
BB		G.E.P. BOX, Evolutionary operation: A method for increasing industrial production		
		Applied Statistics, 1957, pages 81-101		
		Volume 6, No. 2, Royal Statistical Society, England		
		H.J. BREMERMAN, Optimization Through Evolution AND Recombination, self-organizing		
		systems, 1962, pages 93-106,		
		Spartan Books, Washington, D.C.		
		CARVER MEAD, Analog VLSI and Neural		
		systems, 1989, pages 36-39, 67-81, 208-209,		
		260-263, Addison-Wesley, United States		
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		Dendritic Trees for Neuronal Input-Output		
		Relations, The Theoretical Foundation of		
		Dendritic Function, 1964, pages 122-145, MIT Press		
↓		ALAN TURING, on Computable Numbers		
		with an Application to the Entscheidungsproblem,		
BB		1936, Proceedings London Mathematical Society,		
		pages 230-265, vol. 43, pages 54-596, vol. 43, England		
Examiner Signature	/Benjamin Buss/		Date Considered	12/04/2006

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

of

**Complete if Known**

Application Number

10/791,249

Filing Date

March 2, 2004

First Named Inventor

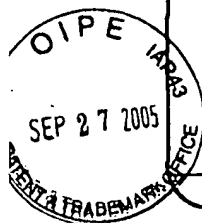
Michael Fiske

Art Unit

Examiner Name

Attorney Docket Number

11-2

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BB		George J. Friedman. DIGITAL SIMULATION OF AN EVOLUTIONARY PROCESS. 1959. pages 171-184. Volume 4 of General Systems Yearbook	
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↓			
BB		W.W. Bledsoe. The use of biological concepts in the analytical study of systems. 1961. ORSA-TIMS National Meeting. San Francisco. pages 1-25	

Examiner  
Signature

/Benjamin Buss/

Date  
Considered

12/04/2006

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